



(NOTES CONTINUED)

- NOTE: Radar required.
- NOTE: DME required for jet aircraft departing Rwy 4R, 4L, 14, 15R, 27, 33L.
- NOTE: Non RNAV equipped aircraft can expect vectors on assigned route.
- NOTE: Jet aircraft departure headings/vectors are predicated on avoiding noise sensitive areas. Flight crew awareness and compliance is important in minimizing noise impacts on surrounding communities. Aircraft that are initially vectored over water can expect to cross the coastline above 6000 MSL before proceeding on course.
- NOTE: BLZZR DEPARTURES expect vectors on BOS-273, DME required.
- NOTE: BRUWN DEPARTURES expect vectors on BOS R-159, DME required.
- NOTE: CELTK DEPARTURES expect vectors on BOS R-114.
- NOTE: HYLND DEPARTURES expect vectors on BOS R-350.
- NOTE: PATSS DEPARTURES expect vectors on BOS R-260, DME required.
- NOTE: REVSS DEPARTURES expect vectors on BOS R-285, DME required.
- NOTE: SSOXS DEPARTURES expect vectors on BOS R-177.

TAKEOFF OBSTACLE NOTES:

- Rwy 4L: Ships beginning 693' from DER, on centerline, 50' AGL/50' MSL.
Trees beginning 2094' from DER, 91' left of centerline, up to 46' AGL/143' MSL.
Pole and trees beginning 1806' from DER, 740' right of centerline, up to 51' AGL/79' MSL. Trees 3975' from DER, 1486' left of centerline, up to 71' AGL/198' MSL.
- Rwy 4R: Ships beginning 579' from DER, on centerline, up to 50' AGL/50' MSL. Pole and trees beginning 1806' from DER, 403' left of centerline, up to 51' AGL/79' MSL.
- Rwy 9: Ships 762' from DER, on centerline, up to 65' AGL/65' MSL. Tank 5904' from DER, 1453' left of centerline, 109' AGL/206' MSL.
- Rwy 14: Ship rig 5439' from DER, 1824' right of centerline, 176' AGL/176' MSL.
Windmill 2.5 NM from DER, 2997' right of centerline, 394' AGL/434' MSL.
- Rwy 15R: Sign 45' from DER, 267' right of centerline, 6' AGL/16' MSL.
- Rwy 22L: Pole 394' from DER, on centerline, 15' AGL/31' MSL. Tower 3585' from DER, 926' left of centerline, 108' AGL/128' MSL. Mobile crane 3675' from DER, 439' right of centerline, 122' AGL/145' MSL. Ship rig 2440' from DER, 34' left of centerline, 176' AGL/176' MSL.
- Rwy 22R: Ship rig 4064' from DER, 8' right of centerline, 176' AGL/176' MSL.
Stack 1.4 NM from DER, 2795' right of centerline, 320' AGL/335' MSL.
- Rwy 27: Light pole and rod beginning 1690' from DER, 759' right of centerline, up to 60' AGL/100' MSL.
- Rwy 33L: Electrical systems, buildings, chimney on building, and tank beginning 796' from DER, 603' left of centerline, up to 40' AGL/149' MSL. Sign, wind indicator on tower, and trees beginning 248' from DER, 51' right of centerline, up to 35' AGL/101' MSL. Bridge 1.4 NM from DER, 2568' left of centerline, 262' AGL/262' MSL.

NE-1, 07 FEB 2013 to 07 MAR 2013

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